

## IN THE CLAIMS

Please amend the claims to read as follows:

### Listing of Claims

1-8. (Canceled).

9. (New) A communication system comprising:

an access router that communicates with a communication terminal apparatus and transmits a care-of address to the communication terminal apparatus;

a mobility anchor point that issues the care-of address to the communication terminal apparatus that is connected to and communicates with the access router, and issues to the communication terminal apparatus communicating with the access router of one of cells on either side of a boundary of two mobility anchor points, the same care-of address that is effective in the cells on either side of the boundary;

a home agent that stores the care-of address and a home address in association with each other for each communication terminal apparatus, and transmits data that is transmitted to the home address of the communication terminal apparatus to a destination indicated by the care-of address; and

a network that connects the mobility anchor point and the access router, and transmits the care-of address to the home agent to which the communication terminal apparatus belongs.

10. (New) The communication system according to claim 9, wherein the mobility anchor point makes variable the number of cells on either side of the boundary, to which the same care-of address is issued.

11. (New) The communication system according to claim 10, wherein the mobility anchor point detects moving speed of a communication terminal apparatus, and when communicating with a communication terminal apparatus moving at high speed, makes the number of cells on either side of the boundary larger than in a case of communicating with a communication terminal apparatus moving at low speed.

12. (New) A communication method comprising:

- at an access router:
  - communicating with a communication terminal apparatus and transmitting a care-of address to the communication terminal apparatus;
- at a mobility anchor point:
  - issuing the care-of address to the communication terminal apparatus that is connected to and communicates with the access router, and issuing to the communication terminal apparatus communicating with the access router of one of cells on either side of a boundary of two mobility anchor points, the same care-of address that is effective in the cells on either side of the boundary;
- at a home agent:

storing the care-of address and a home address in association with each other for each communication terminal apparatus and transmitting data that is transmitted to the home address of the communication terminal apparatus to a destination indicated by the care-of address; and at a network:

connecting the mobility anchor point and the access router, and transmitting the care-of address to the home agent to which the communication terminal apparatus belongs.

13. (New) The communication method according to claim 12, wherein the number of cells on either side of the boundary, to which the same care-of address is issued, is made variable.

14. (New) The communication method according to claim 13, wherein moving speed of a communication terminal apparatus is detected, and when communicating with a communication terminal apparatus moving at high speed, the number of cells on either side of the boundary is made larger than in a case of communicating with a communication terminal apparatus moving at low speed.